

REMARKS

Claims 1-23 and 25-29 are pending in this application. By this Amendment, claim 24 is canceled, claims 3 and 23 are amended, and claims 26-29 are added. No new matter is added.

In the Office Action, claim 3 is rejected under 35 U.S.C. §112, second paragraph for alleged insufficient antecedent basis. By this Amendment, claim 3 is amended for clarity. Claim 3 is concise and definite. Withdrawal of the rejection is respectfully requested.

In the Office Action, claim 24 is objected to under 35 U.S.C. §101 for recitation of a non-statutory carrier wave. Additionally, claim 24 is rejected under 35 U.S.C. §102(e) over U.S. Patent Application Publication No. 2003/0071832 to Branson. Because claim 24 has been cancelled, these rejections are moot.

In the Office Action, claims 1-8, 10-21, 23 and 25 are rejected under 35 U.S.C. §102(b) over U.S. Application Publication No. US2002/0080362 to Dubin. Additionally, claims 9 and 18-22 are rejected under 35 U.S.C. §103(a) over Dubin in view of U.S. Patent No. 3,139,793 to Bradford. These rejections are respectfully traversed.¹

Dubin is directed to a modular and scalable seamless tiled display apparatus including multiple display devices, a screen, and multiple lens assemblies (abstract). According to Dubin, each display device 10 is sub-divided into multiple sections 32, each configured to display a sectional image. One of the lens assemblies is optically coupled to each of the sections 32 to project a sectional image displayed on that section onto a screen 16 (paragraphs 25-28 and Fig. 1). According to Dubin, this results in a seamless tiled image on screen 16 where gap 30 (seams) between adjacent display devices are eliminated. Moreover, images

¹ Applicants presume that the 102(b) rejection was intended to refer to claims 1-8, 10-17, 23 and 25 because claims 18-22 are separately rejected based on 103(a).

appearing in dead-band regions (areas between each pair of adjacent sections 32) are not projected onto the screen 16.

Therefore, Dubin seems to eliminate seams by dividing each display device into sections. As noted in Applicant's disclosure, such systems as disclosed in Dubin require additional lens hardware components and do not work well with larger seam sizes because they depend on optically bending of the image on either side of the seam (see Applicant's paragraph 5).

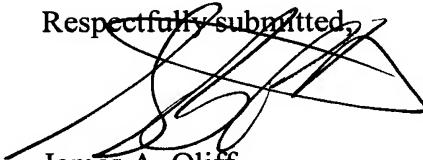
Dubin fails to disclose or suggest determining a composite display comprising at least two displays, each display associated with a view into a contiguous virtual display space as recited in independent claims 1, 12, 23 and 25. Additionally, because Dubin fails to display images on its dead-band region, Dubin cannot be reasonably interpreted to disclose or suggest "determining seam information associated with the non-sensible area between the at least two displays" as recited in independent claim 1 and similarly recited in independent claims 12, 23 and 25.

Because Dubin fails to disclose or provide a reason to include the above features, which are used to determine display layout adjustment for output information, Dubin fails to teach each and every feature recited in independent claims 1, 12, 23 and 25. Accordingly, these claims and claims dependent therefrom, distinguish over Dubin. Branson fails to overcome the deficiencies of Dubin with respect to at least the independent claims.

New dependent claims 26-29 further recite that the at least two displays are discrete displays, wherein every image on the at least two discrete displays is displayed. This is supported, for example, by Applicant's Figs. 1, 7 and 10-15. Thus, the contiguous virtual display space displays every image. This feature is not taught in Dubin or Bradford. Accordingly, claims 26-29 are allowable for their dependence on allowable base claims, as well as for the additional features recited therein.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-23 and 25-29 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Stephen P. Catlin
Registration No. 36,101

JAO:SPC/ccs

Attachment:
Amendment Transmittal

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OLIFF & BERRIDGE, PLC
P.O. Box 320850
Alexandria, Virginia 22320-4850
Telephone: (703) 836-6400

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